

In the Claims

1 – 19. (Cancelled)

20. (Currently Amended) A connecting element for a spinal fixing system that connects at least two implantable connection assemblies comprising: ~~a rod comprising~~ a flexible part comprising a cable comprising at least one elastic strand at least partly surrounded by and coaxial with a flexible polymer envelope and a rigid part having a cavity that at least partly receives the cable with a widened zone proximal to an end receiving the cable and a narrowed zone distal to the end receiving the cable ~~extended at one end at least by a rigid part, the flexible part comprising a cable at least partly surrounded by a polymer envelope, the cable comprising at least one elastic strand coaxial with the envelope.~~

21. (Cancelled)

22. (Currently Amended) The connecting element according to claim 20, wherein the ~~rigid part has~~ cavity is a through cavity or a blind cavity ~~that at least partly receives the cable.~~

23. (Currently Amended) The connecting element according to ~~claim 21 or~~ claim 22, wherein the cavity is configured to cooperate with the cable.

24. (Cancelled)

25. (Previously Presented) The connecting element according to claim 20, wherein the flexible part is fixed to the rigid part by adhesive bonding, crimping or welding.

26. (Currently Amended) The connecting element according to claim 20, wherein the cable comprises at least one layer of at least 6 strands, the strands being distributed around ~~the~~ a central strand.

27. (Currently Amended) The connecting element according to claim 20, wherein the cable comprises two successive layers of strands disposed around ~~the~~ a central strand, the first layer of strands surrounding the central strand comprising 6 strands, the second layer of strands surrounding the first layer comprising 12 strands.

28. (Previously Presented) The connecting element according to claim 26 or claim 27, wherein the strands constituting the layer or layers comprises strands twisted around the central strand.

29. (Previously Presented) The connecting element according to claim 26 or claim 27, wherein the strands of the layer or layers are formed from a material different from that of the central strand.

30. (Previously Presented) The connecting element according to claim 26 or claim 27, wherein the central strand has a diameter different from that of strands of the layer or layers.

31. (Previously Presented) The connecting element according to claim 26 or claim 27, wherein the strands of the layer or layers are made of titanium or stainless steel, or titanium-nickel alloy.

32. (Currently Amended) The connecting element according to claim 20, wherein the elastic cable comprises a tubular central strand ~~is tubular~~.

33. (Currently Amended) The connecting element according to claim 20, wherein the elastic cable comprises a central strand ~~is~~ formed from an alloy of nickel-titanium, titanium, stainless steel or polymer.

34. (Previously Presented) The connecting element according to claim 33, wherein the central strand is made from PEEK or polyurethane.

35. (Previously Presented) The connecting element according to claim 20, wherein the envelope is made from polyurethane.

36. (Previously Presented) The connecting element according to claim 20, wherein the envelope is made from PEEK.

37. (Previously Presented) The connecting element according to claim 20, wherein the envelope is made of a biocompatible fabric.

38. (Previously Presented) A spinal fixing system comprising at least two implantable connection assemblies connected by at least one connecting element according to claim 20.